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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/699,136
Filing Date	October 27, 2000
First Named Inventor	Daniel Santi
Title	Heterologous Production of Polyketides
Group Art Unit	1652
Examiner Name	Kerr, Kathleen M.
Attorney Docket Number	010025.01

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:Place Customer
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Name	Registration Number
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Jose J. Aparicio	48,837
Gary W. Ashley	51,418
Dennis K. Shelton	26,997 (see attached additional)

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

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Individual Name

Kosan Biosciences, Inc.

Address 3832 Bay Center Place

Address

City Hayward

State CA

Zip 94545

Country USA

Telephone 510-732-8400

Fax 510-731-5143

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).**SIGNATURE of Applicant or Assignee of Record**

Name David P. Lentini

Signature

Date November 7, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

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PTO/SB/82 (10-00)

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**REVOCATION OF POWER OF
ATTORNEY OR
AUTHORIZATION OF AGENT**

Application Number	09/699,136
Filing Date	October 27, 2000
First Named Inventor	Daniel Santi
Group Art Unit	1652
Examiner Name	Kerr, Kathleen M.
Attorney Docket Number	010025.01

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:☐ Customer Number


OR

Place Customer
Number Bar Code
Label here

<input checked="" type="checkbox"/> Firm or Individual Name	Kosan Biosciences, Inc.				
Address	3832 Bay Center Place				
Address					
City	Hayward				
Country	USA	State	CA	ZIP	94545
Telephone	510-732-8400	Fax	510-731-5143		

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98)**SIGNATURE of Applicant or Assignee of Record**

Name	David P. Lentini
Signature	
Date	November 7, 2002

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☐ Total of _____ forms are submitted.

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PTO/SB/96 (08-00)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Kosan Biosciences, Inc.Application No./Patent No.: 09/699,136Filed/Issue Date: October 27, 2000Entitled: Methods for Altering Polyketide Synthase GenesKosan Biosciences, Inc., a Corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☐ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/26/02
Date

David P. Lentini

Typed or printed name

Senior Director, Intellectual Property

Title

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U.S. DEPARTMENT OF COMMERCE

RECORDATION FORM COVER SHEET
PATENTS ONLYPatent and Trademark Office
Docket No. 300622004900

To the Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
(1)Daniel SANTI; (2)Larry PECK; (3)Linda DAYEM;
(4)James KEALEY

- ☒ Individual(s) ☐ Association
☐ General Partnership ☐ Limited Partnership
☐ Corporation-State ☐ Other

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Dates: (1) 4/6/01; (2) 4/9/01; (3) 4/6/01; (4) 4/6/01

2. Name and address of receiving party(ies):

Name: KOSAN Biosciences, Inc.
Internal Address:
Street Address: 3832 Bay Center Place
City: Hayward State: CA Zip: 94545

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)
09/699,136

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Carolyn A. Favorito
Morrison & Foerster LLP
3811 Valley Centre Drive, Suite 500
San Diego, CA 92130

6. Total number of applications and patents involved: 1

7. Total fee (37 C.F.R. § 3.41): \$40.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account, referencing
Attorney Docket: 300622004900

8. Deposit account number: 03-1952

The Commissioner is hereby authorized to charge any fees under 37 C.F.R. § 1.21 that may be required by this paper, or to credit any overpayment to Deposit Account No. 03-1952.

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Name: Carolyn A. Favorito
Registration No: 39,183

Signature

April 10, 2001
Date

Total number of pages comprising cover sheet, attachments and document. THREE

Mail documents to be recorded with required cover sheet information to:
U.S. Patent and Trademark Office
Office of Public Records
Box Assignments
Crystal Gateway 4, Room 335
Washington, D.C. 20231

sd-33472

**ASSIGNMENT
JOINT**

THIS ASSIGNMENT, by Daniel Santi, residing at 211 Belgrave Avenue, San Francisco, California 94117; Larry Peck, residing at 910 Laurel Street, San Carlos, California 94070; Linda Dayem, residing at 2240 Village Court, #2, Belmont, California 94002; and James Kealey, residing at 19 Watt Avenue, San Rafael, California 94901 (hereinafter referred to as the assignors), witnesseth:

WHEREAS, said assignors have invented certain new and useful improvements in HETEROLOGOUS PRODUCTION OF POLYKETIDES set forth in an application for Letters Patent of the United States bearing Serial No. 09/699,136 and filed on October 27, 2000; and

WHEREAS, KOSAN Biosciences, Inc., a corporation duly organized under and pursuant to the laws of California and having its principal place of business at 3832 Bay Center Place, Hayward, California 94545 (hereinafter referred to as the assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon:

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, said assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto said assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, application for Letters Patent, and any and all Letters Patent or Patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all divisions, continuations and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by said assignee, for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the assignors, had this sale and assignment not been made.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, said assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that said assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, said assignors hereby covenant and agree to and with said assignee, its successors, legal representatives and assigns, that said assignors will, whenever counsel of said assignee, or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, or that any division, continuation or continuation-in-part of any application for Letters Patent or any reissue or extension of any Letters Patent, to be obtained thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to said assignee, its successors, legal representatives and assigns, but at the cost and expense of said assignee, its successors, legal representatives and assigns.

Attorney Docket 300622004900

AND said assignors hereby request the Commissioner of Patents to issue said Letters Patent of the United States to said assignee as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use of said assignee, its successors, legal representatives and assigns.

Date	<u>4/6/01</u>	<u>Daniel V Santi</u>	Daniel Santi
Date	<u>4/9/01</u>	<u>Larry J Peck</u>	Larry Peck
Date	<u>4/6/01</u>	<u>Linda Dayem</u>	Linda Dayem
Date	<u>4/6/01</u>	<u>James Kealey</u>	James Kealey